DOCUMENT RESUME

ED 203 924 JC 810 364

TITLE Spring 1981 Non-Continuing Student Survey: Fall 1980 Entering Students. Student Flow Program, Report 14.
INSTITUTION Hawaii Univ., Honolulu. Kapiolani Community Coll.
SPONS AGENCY Department of Education, Washington, D.C.
PUB DATE May 81
NOTE 31p.

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS *College Transfer Students; Community Colleges; Dropout Research; *Dropouts; Institutional Evaluation; Majors (Students); *Participant Satisfaction; *Student Attitudes; Student Attrition; Two Year Colleges; *Two Year College Students

ABSTRACT

As part of a student flow project designed to monitor the progress of students who entered Kapiolani Community College (KCC) in Fall 1980 for five consecutive semesters, a survey was conducted of the 753 Fall 1980 entering students who did not re-enroll in Spring 1981. The survey instrument asked respondents to: (1) indicate their main reason for not returning to KCC; (2) specify their current activities; and (3) rate their degree of satisfaction with their experiences at KCC in terms of instruction, faculty-student relations, course availability, intellectual environment, orientation, counseling services, financial aid, student employment services, friendships with other students, and facilities and equipment. Major findings, based on a 29% response rate, reveal that the reason most often cited for leaving was "transferred to another school" (cited by 18.7% of the respondents), followed by "preferred to work" (cited by 16.8% of the respondents). Most of the respondents (66.7%) were working, and 20% were attending another school. While the majority rated each of the specified college experiences highly, 42% were not satisfied with the variety of courses available. The study report discusses methodology, examines the representativeness of the sample, and details findings by program area. In addition, it compares the KCC ratings of returning and non-returning students and contrasts data with the findings of a Fall 1975 study. (JP)

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SPRING 1981 NON-CONTINUING STUDENT SURVEY
FALL 1980 ENTERING STUDENTS

Report 14

Student Flow Program

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Honolulu, Hawaii

JC 810 364

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A. Introduction

The Student Flow Program includes plans for the administration of a Non-Continuing Student Survey each semester, Spring 1981 through Spring 1983, to non-continuing students who entered Kapiolani Community College in Fall 1980.

1. Purposes

There were three basic purposes for undertaking the Spring 1981 Non-Continuing Student Survey:

a. to find out why students, after one semester, did not continue at KCC

b. to find out what these students are doing in Spring 1981 (current activities)

c. to give these students an opportunity to evaluate their experience at KCC and to offer suggestions for improving the college.

2. Plan for Analysis

Since the non-continuing students were to be contacted by mail, we hoped for a return rate between 30 and 40 percent.

Our plans for analysis included (a) tests of representativeness, i.e., comparing respondents and non-respondents on the following characteristics: sex, age, major program, enrollment status (full- or part-time), cumulative GPA, cumulative CCR, Fall 1980 entry status (new or transfer), math placement test scores, and English placement test scores; (b) cross tabulations of responses to survey items by program and any of the above characteristics on which respondents are representative of the total. Chi-square analysis was to be applied through the use of the Statistical Package for the Social Sciences (SPSS). However, the results of such analysis are ignored if 25 percent or more of the valid cells have expected frequencies less than five.

After being processed by the institutional research staff, the surveys, without identifying information, would be distributed to administrative personnel (including department chairmen). It was hoped that these individuals would find the comments of special interest.

3. Conduct of the Survey

From the preliminary (3rd week) registration data on the Fall 1980 entering group, non-continuing students were identified and labels were printed by personnel working on KCC's student flow project.

On the afternoon of February 26, surveys and stamped, self-addressed return envelopes were mailed to non-continuing students. We urged them to complete and return their questionnaires as soon as possible.

In order to maximize the number of returns, a decision was made very early in the planning process to contact as many non-continuing students as possible. This follow-up would be a phone call during the evening hours (between 6 and 8 p.m.) beginning the week after the surveys were mailed. In order to facilitate processing, responses, if possible, would be taken over the phone.

4. Organization of this Report

The remainder of this report contains a discussion of each of the following:

- rate and representativeness of returns
- summary of findings
- concluding comments

While responses to the items in the survey (see Appendix A for a copy) are summarized in the section on findings, the appendices include additional details, by program, for the sub-questions which were posed in an attempt to obtain more detailed information.

B. The Returns

1. Percentage of Returns

At the time of cut off, 215 surveys (of 753 mailed) were completed for a return rate of 29 percent (Table 1). By program, the return rates ranged from public services (45%) to food services/hoper (24%). Worthy of note is the fact that the one student helper assigned to make the follow-up calls was not able to reach all non-respondents by the cut-off date.

Table 1

RATE OF RETURNS, BY PROGRAM
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

Program	Non-Continuing Students	RESPONSES					
		3/2 to 3/6		3/9 to 3/27		Total[a]	
		N	*H%*	N	*H%*	N	*H%*
Total	753	120	*16*	95	*13*	215	*29*
Liberal Arts	327	42	*13*	43	*13*	85	*26*
Business Education	170	29	*17*	17	*10*	46	*27*
Health Services	18	2	*11*	4	*22*	6	*33*
Food Svcs/Hoper	96	15	*16*	8	*8*	23	*24*
Public Services	11	5	*45*	-	-	5	*45*
Unclassified	131	27	*21*	23	*18*	50	*38*

[a]Records on the follow-up phone calls indicate we failed to contact students because: we had incorrect phone numbers for 72 students; we were unable to contact 194 students by phone; and we did not complete follow-up calls to 173 students. Furthermore, no responses were received from 67 students for whom messages were left or who indicated that they would send in their surveys.

2. Representativeness of Respondents

Data on the representativeness of returns are found in Table 2. Respondents did not differ significantly from non-respondents on six characteristics: major program, Fall 1980 entry status (new or transfer), enrollment status (full- or part-time), math and English placement test scores, and cumulative GPA.

Table 2

REPRESENTATIVENESS DATA
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

Characteristics[a]	Non-Continuing Fall 1980 Entering Students No.	V%	Respondents No.	V%	Non-Respondents No.	V%
Total	753	100.0	215	28.6	538	71.4
PROGRAM						
Liberal Arts	327	43.4	85	39.5	242	45.0
Business	170	22.6	46	21.4	124	23.0
Health Services	18	2.4	6	2.8	12	2.2
Food Svcs/Hoper	96	12.7	23	10.7	73	13.6
Pub Svc (Legal)	11	1.5	5	2.3	6	1.1
Unclassified	131	17.4	50	23.3	81	15.1
SEX**						
Female	463	61.5	149	69.3	314	58.4
Male	290	38.5	66	30.7	224	41.6
AGE*						
Below 19 years	187	24.8	55	25.6	132	24.5
19-21 years	215	28.6	50	23.3	165	30.7
22-24 years	110	14.6	32	14.9	78	14.5
25-29 years	123	16.3	29	13.5	94	17.5
Over 29 years	118	15.7	49	22.8	69	12.8
ENTRY STATUS						
New	471	63.5	141	65.6	330	61.3
Transfer	282	37.5	74	34.4	208	38.7
ENROLL STATUS						
Full-time	230	31.1	56	26.3	174	33.1
Part-time	509	68.9	157	68.9	352	66.9
MATH PLACEMENT TEST SCORE						
Math 01	158	35.8	42	32.6	116	37.2
Math 24/Bus 55	131	29.7	41	31.8	90	28.8
Math 25	59	13.4	20	15.5	39	12.5
Math 27, 100/ICS 112	61	13.8	18	14.0	43	13.8
Math 130, 115/QM 121	15	3.4	3	2.3	12	3.8
Math 140	17	3.9	5	3.9	12	3.8

TABLE 2 (continued)

Characteristics[a]	Non-Continuing Fall 1980 Entering Students No.	V%	Respondents No.	V%	Non-Respondents No.	V%
ENG PLACEMENT TEST SCORE						
ELI 004	29	6.6	12	9.3	17	5.5
Eng 07	23	5.3	8	6.2	15	4.9
Eng 10	49	11.2	16	12.4	33	10.7
Eng 21	69	15.8	19	14.7	50	16.2
Eng 22, 50	60	13.7	14	10.9	46	14.9
Eng 100	68	15.5	15	11.6	53	17.2
Eng +100	140	32.0	45	34.9	95	30.7
CUM GPA						
3.5 & above	13	2.4	2	1.2	11	2.8
3.0-3.4	30	5.5	11	6.8	19	4.9
2.0-2.9	16	2.9	6	3.7	10	2.6
Below 2.0	491	89.3	142	88.2	349	88.7
CUM CCR***						
1.00	232	36.3	92	49.7	140	30.8
0.80-0.99	16	2.5	3	1.6	13	2.9
0.50-0.79	70	10.9	26	14.1	44	9.7
Below 0.50	322	50.3	64	34.6	258	56.7

[a]Levels of significance, based upon chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

Lower proportions of the following groups were found among the respondents than among non-respondents:

- males (31% vs 42%)
- students 19-21 years at entry (23% vs 31%)
- students with Fall 1980 CCRs of below 0.50 (35% vs 57%)

The data also show that the numbers of respondents from non-continuers in health services (6) and public services (5) represent approximately 5 percent of the total respondents. This should be borne in mind while interpreting the results presented in the next section. Because of these low numbers, no reference will be made to the responses of health and public services "dropouts."

C. The Findings

The results of the Spring 1981 Non-Continuing Student Survey are presented, by program, in three sections and the appendices. The first section deals with reasons why Fall 1980 entering students did not continue in Spring 1981; the second section with current activities of these non-continuing students; and the third with evaluations of their KCC experience.[1]

1. Main Reasons for Not Continuing in Spring 1981

The first item in the Spring 1981 Non-Continuing Student Survey asked respondents to indicate the "main reason (check one) for not registering this semester at KCC." The results, by program, are given in Table 3.

TABLE 3

REASONS FOR NOT CONTINUING
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 ACHIEVED MY GOAL	1 1.2	2 4.3	0 0.0	1 4.3	0 0.0	8 16.0	12 5.6
2 CHANGED CAREER	5 6.0	9 19.6	4 66.7	2 8.7	1 20.0	2 4.0	23 10.7
3 TRAN ANOTHER SCH	27 32.1	4 8.7	0 0.0	3 13.0	0 0.0	6 12.0	40 18.7
4 COURSES UNAVAIL	16 19.0	6 13.0	0 0.0	2 8.7	0 0.0	9 18.0	33 15.4
5 ACADEMIC PROBLEM	5 6.0	0 0.0	0 0.0	1 4.3	0 0.0	0 0.0	6 2.8
6 PREFER TO WORK	11 13.1	12 26.1	1 16.7	6 26.1	1 20.0	5 10.0	36 16.8
7 FINANCIAL PROB.	0 0.0	4 8.7	0 0.0	1 4.3	0 0.0	1 2.0	6 2.8
8 PERSONAL REASONS	6 7.1	2 4.3	0 0.0	3 13.0	2 40.0	5 10.0	18 8.4
9 OTHER	13 15.5	7 15.2	1 16.7	4 17.4	1 20.0	14 28.0	40 18.7
COLUMN TOTAL	84 39.3	46 21.5	6 2.8	23 10.7	5 2.3	50 23.4	214 100.0

39 OUT OF 54 (72.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.140
RAW CHI SQUARE = 88.07909 WITH 40 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 1

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[1] Results by entry status, enrollment status and cumulative GPA are on file in the institutional research unit. Results by math and English placement test scores were not run due to the large numbers (over 300) who had no placement scores. Campus personnel interested in these data are encouraged to contact the staff working on KCC's student flow project.

2. Current Activities

The second item in the survey was designed to determine what the current (Spring 1981) activities of the non-continuing students are. Respondents were asked to "check the one which best describes present activity." The results in Table 4 show that two-thirds of the respondents are working and a fifth are attending another educational institution.

TABLE 4

CURRENT ACTIVITY
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 LOOKING FOR WORK	2 / 2.4	8 / 18.6	1 / 16.7	4 / 17.4	0 / 0.0	0 / 0.0	15 / 7.1
2 WORKING	48 / 57.8	27 / 62.8	2 / 33.3	16 / 69.6	4 / 80.0	43 / 86.0	140 / 66.7
3 ATTEND ANOTH SCH	28 / 33.7	5 / 11.6	0 / 0.0	2 / 8.7	0 / 0.0	7 / 14.0	42 / 20.0
4 OTHER	5 / 6.0	3 / 7.0	3 / 50.0	1 / 4.3	1 / 20.0	0 / 0.0	13 / 6.2
COLUMN TOTAL	83 / 39.5	43 / 20.5	6 / 2.9	23 / 11.0	5 / 2.4	50 / 23.8	210 / 100.0

15 OUT OF 24 (62.5%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.310
RAW CHI SQUARE = 60.93469 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 5

Especially high proportions of unclassified students (43, 86%) are working, while liberal arts majors (28, 34%) are attending another school.[4] (See Appendices C and D for further details.)

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[4]There was a statistically significant difference on current activity among respondents by enrollment status: more part- than full-time students are working (71% vs 52%); more full- than part-time students are attending another school (33% vs 16%). However, there were no significant differences regarding details on work or on attendance at another college.

The data in Table 3 show that four (of nine) reasons were selected by approximately equivalent proportions of non-continuing students: transferred to another school (19%),[2] preferred to work (17%), found desired course(s) unavailable (15%).[3]

Respondents selecting one of two reasons for not continuing were given the additional opportunity to be more specific about why they: transferred to another school and found desired course(s) unavailable. Although data on these sub-questions are included in Appendix B, the number of respondents (34 and 28, respectively) are low, so generalizations should not be drawn.

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[2]Of forty respondents who indicated "other," several (11, 28%) specified reasons related to registration such as: missed deadline, didn't know when registration was, poor communication about next semester's schedule.

[3]The data show no statistically significant differences among the responses by entry status, enrollment status and cumulative GPA.

Highlights of the data in Appendix C include the following:

- most of the non-continuing students who are working provided additional data: close to three-fourths (98) are working "full-time"; about one-half (64) are working in jobs "not related" to their community college studies; more than two-thirds (88) "intend to continue" in their jobs.

- at least one-fourth of the non-continuing students are working in clerical jobs (41, 29%) and service occupations, including food and beverage positions (35, 25%); close to one-fifth (24, 17%) have jobs in marketing/sales.

Highlights of the data in Appendix D include the following:

- of non-continuers attending another school: close to two-thirds (24, 65%) were enrolled full-time; and the large majority of those attending a 4-year institution (10, 71%) were able to transfer all their 100-level courses.

- one-third (14) of the non-continuers were attending UH Manoa; another fourth (10) were enrolled at Honolulu CC.

- nearly two-thirds did not indicate a current major or named one not offered at KCC; approximately one-fourth transferred into a Liberal Arts program (10, 24%).

3. Evaluation of KCC Experience

A total of eleven items in the third section of the survey dealt with the general KCC experience. Responses are summarized below in percentages:

	Total Responses	Not Satisfied	Satisfied	Very Satisfied
Section III Items				
1. Instruction	198	16%	52%	32%
2. Faculty/student relations	196	12%	53%	35%
3. Variety of courses you could take	198	42%	41%	17%
4. Intellectual environment	194	23%	58%	19%
5. Orientation	183	20%	60%	20%
6. Counseling/academic advising	168	32%	49%	19%
7. Financial aid services	121	12%	72%	17%
8. Student employment services	117	17%	61%	22%
9. Friendship with other students	184	9%	48%	43%
10. Facilities/equipment	182	24%	54%	23%
11. Total experience at college	195	18%	52%	29%

The above data show that:

- most of the respondents (at least 182 of a total 215) evaluated each item except "financial aid services" and "student employment services."
- the great majority, ranging from 91 percent (friendship with other students) to 68 percent (counseling/academic advising), rated nine of the eleven items satisfactory or better.

- more than one-fourth of the respondents were very satisfied regarding: friendship with other students (43%), faculty/student relations (35%), instruction (32%), and total college experience (29%).

- close to a half of the respondents were not satisfied with variety of courses (42%) and about one-third with counseling/academic advising.

Details, by program, are included in Appendix E.[5]

D. Summary and Concluding Comments

Despite the low rate of return, the statistics presented in this report should provide campus personnel with useful data for their efforts in planning and evaluating programs and services.

1. Profile of Respondents

In general, respondents to the Spring 1981 Non-Continuing Student Survey were:

40%	liberal arts majors; business, 21%
69%	females
26%	below 19 years at entry; 19-21 years and over 29 years, 23% each
66%	new students
74%	part-time students
65%	students recommended to Math 1 or Math 24
88%	students with below 2.0 GPA after 1 semester
50%	students with 1.00 CCR; below 0.50, 35%

These non-continuers indicated several main reasons for not continuing in Spring 1981: they were working (67%) or attending another school (20%).

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[5]Responses on the evaluation of the KCC experience by enrollment status and cumulative GPA show no significant differences. By entry status, responses differed for three of the items: intellectual environment, facilities/equipment and total college experience. In general, more than four-fifths of the new students (84%, 81%, 83%, respectively) were satisfied or very satisfied with these areas, while approximately one-third of the transfers were not satisfied (36%, 32%, 22%, respectively).

2. Comparisons of Responses from Continuing and Non-Continuing Students

Comparisons of data related to the evaluation of the college experience are undertaken with caution due to the low rate of return for the Spring 1981 Non-Continuing Student Survey (29%) as compared to that of the Spring 1981 Continuing Student Survey (69%).

Both Spring 1981 surveys, Continuing Student Survey (CSS) and Non-Continuing Student Survey (NCSS), contained the same eleven items related to the KCC experience. Summarized below is a comparison of the responses of Fall 1980 entering students who continued in Spring 1981 with those who did not continue in that semester:

		Total Responses	Not Satisfied	Satisfied	Very Satisfied
KCC Experience					
1. Instruction					
	CSS	1,019	7%	69%	24%
	NCSS	198	16%	52%	32%
2. Faculty/student relations					
	CSS	1,010	9%	66%	25%
	NCSS	196	12%	53%	35%
3. Variety of courses you could take					
	CSS	1,000	30%	52%	18%
	NCSS	198	42%	41%	17%
4. Intellectual environment					
	CSS	993	14%	72%	14%
	NCSS	194	23%	58%	19%
5. Orientation					
	CSS	993	13%	71%	17%
	NCSS	183	20%	60%	20%
6. Counseling/academic advising					
	CSS	974	16%	62%	22%
	NCSS	168	32%	49%	19%
7. Financial aid services					
	CSS	871	10%	69%	21%
	NCSS	121	12%	72%	17%

		Total Responses	Not Satisfied	Satisfied	Very Satisfied
KCC Experience (continued)					
8. Student employment services					
	CSS	852	11%	70%	20%
	NCSS	117	17%	61%	22%
9. Friendship with other students					
	CSS	985	5%	57%	38%
	NCSS	184	9%	48%	43%
10. Facilities/equipment					
	CSS	960	19%	63%	18%
	NCSS	182	24%	54%	23%
11. Total experience at college					
	CSS	982	9%	63%	28%
	NCSS	195	18%	52%	29%

The comparative data show that non-continuing students appeared to have more intense sentiments than continuing students in evaluating their KCC experience:

- in all but three areas (variety of courses you could take, counseling/academic advising, financial aid services), higher proportions of non-continuing students were very satisfied with their KCC experiences. Differences were greatest for: faculty/student relations (35% for non-continuing students vs 25% for continuing students) and instruction (32% vs 24%, respectively).

- in all eleven areas, higher proportions of non-continuers, compared to continuers, were not satisfied with their KCC experiences. Greatest differences occurred in the following areas: counseling/academic advising (32% for non-continuing students vs 16% for continuing students) and variety of courses you could take (42% vs 30%, respectively).

3. Comparisons of Fall 1980 and Fall 1975 Non-Continuing Students (after one semester)

A non-continuing student survey, which included KCC in the population, was conducted in Spring 1976 by the Office of the Chancellor for Community Colleges.[6] While that instrument differed considerably from KCC's Spring 1981 Non-Continuing Student Survey, the following limited comparisons are possible:

	Fall 1980 ES	Fall 1975 ES
Reasons for Not Continuing After 1 Semester	214	231
Transferred to another school	19%	17%
Other	19%	23%[7]
Preferred to work	17%	25%
Desired course(s) unavailable	15%	18%
Current Activities	210	227
Working	67%	58%
Attending another school	20%	19%
Looking for work	7%	9%
Other	6%	13%
Employed Students	140	132
Full-time	73%	63%
Job titles/position		
Clerical/sales	46%	50%
Public service	25%	29%
Relationship between work and community college studies		
Not related[8]	49%	42%
Closely related	28%	31%
Somewhat related	23%	27%
Students Attending Another School	42	44
Full-time	65%	83%
School Attended		
Another Oahu community college	41%	42%
UH Manoa	33%	40%
On Transferability of Credits	14	22
All or most courses	100%	73%

[6]Office of the Chancellor for Community Colleges, "Fall 1975 Entering Students Not Continuing in the Same Community College in Spring 1976," SFP Report No. 9, April 1976.

[7]The Spring 1976 survey listed fewer reasons for not continuing. This may, in part, account for the higher proportion of respondents who selected "other" in Spring 1976.

[8]Liberal Arts majors (78% and 72%, respectively) generally felt that there was no relationship between work and their community college studies.

In most instances, non-continuing students who dropped out after one semester in Spring 1981 and Spring 1976 were quite similar in the responses which represented majority or plurality opinion. For example, most were working (67% for Spring 1981 and 58% for Spring 1976), full-time (73% and 63%, respectively), in clerical/sales positions (46% and 50%, respectively) and in jobs closely or somewhat related to their community college studies (51% and 58%, respectively).

4. Concluding Comments

An examination of the data in this report reveals that close to 90 percent of the Fall 1980 entering students who did not continue in Spring 1981 are either working (67%) or attending another school (20%). These results show a very high degree of constructive activity among the non-continuers and also indicate that there is no one stereotype of the "dropout."

However, there is concern about the 15 percent of the respondents who indicated that their main reason for not continuing was "found desired course(s) unavailable." As planning for the class schedule and registration is undertaken, perhaps questions such as the following should be explored in an attempt to measure progress/improvement in this area: To what extent can the college improve course/section availability to all students? To what extent is early registration (first pilot tested Spring 1981) helping to satisfy student needs? to identify course/section shortages?

Although the return rate for the Spring 1981 Non-Continuing Student Survey was rather low, the data, used in conjunction with data from earlier surveys provide campus personnel with indicators of how student populations are changing and of areas in which campus improvements or revisions might be undertaken. Note, for example, the specific areas in which continuing students and "dropouts" evaluate their KCC experience quite differently. The more intense feelings of the latter group should not go unheeded.

APPENDIX

APPENDIX A

NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

Aloha!

Will you take a few minutes to complete the enclosed questionnaire? The information will help us improve programs and services for our students.

Your questionnaire has a label on it to make it easy for us to summarize the characteristics of respondents on a group basis. Responses are confidential and not reported for specific individuals.

A stamped, self-addressed envelope is enclosed for your convenience. Please respond as soon as possible. If we do not hear from you soon, we may need to follow-up with another request. If you have any questions, please call 735-3131. Thank you very much for your cooperation and help.

Joyce S. Tsunoda

Joyce S. Tsunoda, Provost

For coder's use only:

I. What is the main reason for not registering this semester at KCC? Check one.

1. ( ) achieved my goal
2. ( ) changed my career plans
3. ( ) transferred to another school; check one of the following:
   31. ( ) did not get the help I needed from college personnel
   32. ( ) program of my choice was available there
   33. ( ) other; please specify: _____
4. ( ) found desired course(s) unavailable; check one of the following:
   41. ( ) all sections closed: course(s): _____
   42. ( ) class hour conflicted with work hours; course(s): _____
   43. ( ) college doesn't offer course(s): _____
5. ( ) had academic difficulties
6. ( ) preferred to work
7. ( ) have financial problems
8. ( ) have personal reasons (marriage, children, health)
9. ( ) other; please specify: _____

II. What are you doing now? Check the one which best describes present activity.

1. ( ) looking for work; give your phone number if a conference is desired: _____
2. ( ) working; a. Check one: 1. ( ) full-time (35 or more hours weekly)
   2. ( ) part-time
   b. What is your title or position? _____
   c. What is your annual salary? _____
   d. Is your work related to your community college studies?
   Check one: 1. ( ) closely related
   2. ( ) somewhat related
   3. ( ) not related
   e. How do you feel about this job?
   Check one: 1. ( ) intend to continue
   2. ( ) want to look for another
3. ( ) attending another school;
   a. name of school: _____
   b. major field of study: _____
   c. Check one: 1. ( ) full-time
   2. ( ) part-time
   d. If attending a four-year college, were you able to transfer credits for community college courses numbered 100 or above:
   1. ( ) all courses
   2. ( ) most courses
   3. ( ) some courses
   4. ( ) few courses
   } List all courses not transferable: _____ _____
4. ( ) other; please specify: _____

For coder's use only:

APPENDIX A (continued)

III. Please circle the number which best indicates your evaluation of your experience at Kapiolani Community College:

	Not Satisfied		Satisfied		Very Satisfied
1. Instruction	1	2	3	4	5
2. Faculty/student relations	1	2	3	4	5
3. Variety of courses you could take	1	2	3	4	5
4. Intellectual environment	1	2	3	4	5
5. Orientation	1	2	3	4	5
6. Counseling/academic advising	1	2	3	4	5
7. Financial aid services (grants, loans, scholarships, work/study)	1	2	3	4	5
8. Student employment services (on- or off-campus jobs)	1	2	3	4	5
9. Friendship with other students	1	2	3	4	5
10. Facilities/equipment	1	2	3	4	5
11. Total experience at college	1	2	3	4	5

IV. What are your suggestions for improving Kapiolani Community College? (Please use other side.)

Mahalo! Please return as soon as possible.

APPENDIX B

ADDITIONAL DATA ON REASONS FOR NOT CONTINUING
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

TABLE B-1

Reasons for Transferring to Another School

	COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	FOOD SVC & HOPER 4	UNCLAS-SIFIED 6	ROW TOTAL
NO HELP FROM COL	1	1	0	1	0	2
		4.3	0.0	50.0	0.0	5.9
PROGRAM AVAIL.	2	16	4	0	3	23
		69.6	100.0	0.0	60.0	67.6
OTHER	3	6	0	1	2	9
		26.1	0.0	50.0	40.0	26.5
	COLUMN TOTAL	23	4	2	5	34
		67.6	11.8	5.9	14.7	100.0

10 OUT OF 12 (83.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.118
RAW CHI SQUARE = 11.09088 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0856

NUMBER OF MISSING OBSERVATIONS = 6

TABLE B-2

Details on Found Desired Course(s) Unavailable

	COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	FOOD SVC & HOPER 4	UNCLAS-SIFIED 6	ROW TOTAL
SECTIONS CLOSED	1	5	3	1	2	11
		41.7	60.0	50.0	22.2	39.3
CLS-WRK CONFLICT	2	3	1	1	4	9
		25.0	20.0	50.0	44.4	32.1
COURSE NOT OFFRD	3	4	1	0	3	8
		33.3	20.0	0.0	33.3	28.6
	COLUMN TOTAL	12	5	2	9	28
		42.9	17.9	7.1	32.1	100.0

12 OUT OF 12 (100.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.571
RAW CHI SQUARE = 3.19753 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7837

NUMBER OF MISSING OBSERVATIONS = 5

APPENDIX C

ADDITIONAL DATA FROM NON-CONTINUING STUDENTS WHO ARE WORKING
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

TABLE C-1

Details on Job Status

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 FULL-TIME	27 / 62.8	22 / 81.5	2 / 100.0	12 / 75.0	4 / 100.0	31 / 72.1	98 / 72.6
2 PART-TIME	16 / 37.2	5 / 18.5	0 / 0.0	4 / 25.0	0 / 0.0	12 / 27.9	37 / 27.4
COLUMN TOTAL	43 / 31.9	27 / 20.0	2 / 1.5	16 / 11.9	4 / 3.0	43 / 31.9	135 / 100.0

5 OUT OF 12 (41.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.548
RAW CHI SQUARE = 5.46604 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3617

NUMBER OF MISSING OBSERVATIONS = 5

TABLE C-2

Details on Relationship to Community College Studies

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 CLOSELY RELATED	3 / 6.7	6 / 24.0	0 / 0.0	6 / 42.9	3 / 100.0	18 / 43.9	36 / 27.7
2 SOMEWHAT RELATED	7 / 15.6	10 / 40.0	0 / 0.0	4 / 28.6	0 / 0.0	9 / 22.0	30 / 23.1
3 NOT RELATED	35 / 77.8	9 / 36.0	2 / 100.0	4 / 28.6	0 / 0.0	14 / 34.1	64 / 49.2
COLUMN TOTAL	45 / 34.6	25 / 19.2	2 / 1.5	14 / 10.8	3 / 2.3	41 / 31.5	130 / 100.0

8 OUT OF 18 (44.4%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.462
RAW CHI SQUARE = 38.11363 WITH 10 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 10

TABLE C-3

Details on Feelings about Current Job

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 WILL CONTINUE	29 / 69.0	14 / 56.0	2 / 100.0	7 / 46.7	3 / 100.0	33 / 82.5	88 / 69.3
2 SEEK ANOTHER JOB	13 / 31.0	11 / 44.0	0 / 0.0	8 / 53.3	0 / 0.0	7 / 17.5	39 / 30.7
COLUMN TOTAL	42 / 33.1	25 / 19.7	2 / 1.6	15 / 11.8	3 / 2.4	40 / 31.5	127 / 100.0

5 OUT OF 12 (41.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.614
RAW CHI SQUARE = 11.18079 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0479

NUMBER OF MISSING OBSERVATIONS = 13

TABLE C-4

Details on Job Titles/Positions

CATEGORY LABEL	CODE	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY (PERCENT)
NO DATA	1	17	12.1
EXECUTIVE, ADMIN	2	2	1.4
SOCIAL WORK, LAW	5	5	3.6
RN, PHARMACIST	7	2	1.4
ARTIST, ENTER.	8	1	0.7
HEALTH TECH.	9	1	0.7
TECH.-NOT HEALTH	10	2	1.4
MARKETING, SALES	11	24	17.1
CLERICAL	12	41	29.3
SERVICE	13	35	25.0
TRANS., MOVING	16	1	0.7
MECHANIC, REPAIR	17	2	1.4
LABORERS	19	2	1.4
MISCELLANEOUS	21	5	3.6
	TOTAL	140	100.0

VALID CASES 140 MISSING CASES 0

APPENDIX D

ADDITIONAL DATA FROM NON-CONTINUING STUDENTS WHO ARE ATTENDING ANOTHER SCHOOL NON-CONTINUING STUDENT SURVEY KAPIOLANI COMMUNITY COLLEGE SPRING 1981

TABLE D-1

Details on Student Status

COUNT / COL PCT	LIBERAL ARTS (1)	BUSINESS (2)	FOOD SVC & HOPEH (4)	UNCLASSIFIED (6)	ROW TOTAL
1 FULL-TIME	16 / 66.7	3 / 60.0	2 / 100.0	3 / 50.0	24 / 64.9
2 PART-TIME	8 / 33.3	2 / 40.0	0 / 0.0	3 / 50.0	13 / 35.1
COLUMN TOTAL	24 / 64.9	5 / 13.5	2 / 5.4	6 / 16.2	37 / 100.0

6 OUT OF 8 (75.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.703
RAW CHI SQUARE = 1.75118 WITH 3 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6256

NUMBER OF MISSING OBSERVATIONS = 5

TABLE D-2

Details on Course Transferrability to 4-Yr Institutions

COUNT / COL PCT	LIBERAL ARTS (1)	UNCLASSIFIED (6)	ROW TOTAL
1 ALL COURSES	7 / 63.6	3 / 100.0	10 / 71.4
2 MOST COURSES	4 / 36.4	0 / 0.0	4 / 28.6
COLUMN TOTAL	11 / 78.6	3 / 21.4	14 / 100.0

3 OUT OF 4 (75.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.857
FISHER'S EXACT TEST = 0.32967 (1-TAILED) 0.50549 (2-TAILED)

NUMBER OF MISSING OBSERVATIONS = 28

TABLE D-3

Details on Other School

CATEGORY LABEL	CODE	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY (PERCENT)
HONOLULU CC	2	10	23.8
LEEWARD CC	5	5	11.9
WINDWARD CC	7	2	4.8
UH MANOA	9	14	33.3
OTHER	11	1	2.4
PRIVATE SCHOOL	12	3	7.1
MAINLAND	13	4	9.5
NO DATA	0	3	7.1
	TOTAL	42	100.0

VALID CASES 39 MISSING CASES 3

TABLE D-4

Details on New/Current Major

CATEGORY LABEL	CODE	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY (PERCENT)
CLBKG	3	1	2.4
LBART	14	10	23.8
UNCLS	16	1	2.4
DENT	20	1	2.4
PRACN	26	1	2.4
NO DATA	0	28	66.7
	TOTAL	42	100.0

VALID CASES 14 MISSING CASES 28

APPENDIX E

TABLES RELATED TO EVALUATION OF KCC EXPERIENCE
NON-CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
SPRING 1981

Q1111 EVAL OF INSTRUCTION

	COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPEN 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
NOT SATISFIED	1	3	2	2	0	1	1	9
		3.8	4.8	33.3	0.0	20.0	2.3	4.5
	2	9	3	0	5	0	6	23
		11.4	7.1	0.0	21.7	0.0	14.0	11.6
SATISFIED	3	39	27	2	12	3	19	102
		49.4	64.3	33.3	52.2	60.0	44.2	51.5
	4	16	7	1	4	1	13	42
		20.3	16.7	16.7	17.4	20.0	30.2	21.2
VERY SATISFIED	5	12	3	1	2	0	4	22
		15.2	7.1	16.7	8.7	0.0	9.3	11.1
	COLUMN TOTAL	79	42	6	23	5	43	198
		39.9	21.2	3.0	11.6	2.5	21.7	100.0

21 OUT OF 30 (70.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.227
RAW CHI SQUARE = 26.78186 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1415

NUMBER OF MISSING OBSERVATIONS = 17

Q1112 EVAL OF FACULTY & STUDENT RELATIONS

	COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPEN 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
NOT SATISFIED	1	4	1	0	1	1	0	7
		5.1	2.4	0.0	4.5	20.0	0.0	3.6
	2	6	6	0	4	0	1	17
		7.7	14.3	0.0	18.2	0.0	2.3	8.7
SATISFIED	3	42	26	2	11	2	21	104
		53.8	61.9	33.3	50.0	40.0	48.8	53.1
	4	17	7	2	5	1	14	46
		21.8	16.7	33.3	22.7	20.0	32.6	23.5
VERY SATISFIED	5	9	2	2	1	1	7	22
		11.5	4.8	33.3	4.5	20.0	16.3	11.2
	COLUMN TOTAL	78	42	6	22	5	43	196
		39.8	21.4	3.1	11.2	2.6	21.9	100.0

20 OUT OF 30 (66.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.179
RAW CHI SQUARE = 23.64507 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2582

NUMBER OF MISSING OBSERVATIONS = 19

Q1113 Eval of Variety of Courses

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 NOT SATISFIED	17	8	0	3	0	4	32
	21.5	18.2	0.0	13.6	0.0	9.5	16.2
2	22	12	0	6	1	9	50
	27.8	27.3	0.0	27.3	20.0	21.4	25.3
3 SATISFIED	31	19	3	8	2	19	82
	39.2	43.2	50.0	36.4	40.0	45.2	41.4
4	9	4	2	3	2	9	29
	11.4	9.1	33.3	13.6	40.0	21.4	14.6
5 VERY SATISFIED	0	1	1	2	0	1	5
	0.0	2.3	16.7	9.1	0.0	2.4	2.5
COLUMN TOTAL	79	44	6	22	5	42	198
	39.9	22.2	3.0	11.1	2.5	21.2	100.0

16 out of 30 (53.3%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.126.
Raw Chi square = 24.27080 with 20 degrees of freedom. Significance = 0.2308.
Number of missing observations = 17

Q1114 EVAL OF INTELLECTUAL ENVIRONMENT

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 NOT SATISFIED	6	4	0	0	1	2	13
	7.7	10.0	0.0	0.0	20.0	4.5	6.7
2	14	5	1	4	0	8	32
	17.9	12.5	16.7	19.0	0.0	18.2	16.5
3 SATISFIED	46	26	3	12	3	23	113
	59.0	65.0	50.0	57.1	60.0	52.3	58.2
4	11	4	1	3	1	8	28
	14.1	10.0	16.7	14.3	20.0	18.2	14.4
5 VERY SATISFIED	1	1	1	2	0	3	8
	1.3	2.5	16.7	9.5	0.0	6.8	4.1
COLUMN TOTAL	78	40	6	21	5	44	194
	40.2	20.6	3.1	10.8	2.6	22.7	100.0

19 out of 30 (63.3%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.206.
Raw chi square = 13.98116 with 20 degrees of freedom. Significance = 0.8314
Number of missing observations = 21

Q1115 EVAL OF ORIENTATION

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOPER* 4	PUBLIC SERVICE 5	UNCLAS-SIFIED 6	ROW TOTAL
1 NOT SATISFIED	4	4	0	1	0	0	9
	5.2	10.5	0.0	4.8	0.0	0.0	4.9
2	13	6	0	2	1	5	27
	16.9	15.8	0.0	9.5	20.0	13.9	14.8
3 SATISFIED	46	22	5	13	2	22	110
	59.7	57.9	83.3	61.9	40.0	61.1	60.1
4	11	5	0	3	2	7	28
	14.3	13.2	0.0	14.3	40.0	19.4	15.3
5 VERY SATISFIED	3	1	1	2	0	2	9
	3.9	2.6	16.7	9.5	0.0	5.6	4.9
COLUMN TOTAL	77	38	6	21	5	36	183
	42.1	20.8	3.3	11.5	2.7	19.7	100.0

20 out of 30 (66.7%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.246.
Raw chi square = 14.25835 with 20 degrees of freedom. Significance = 0.8172
Number of missing observations = 32

Q1116 Eval of Counseling & Academic Advising

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPR* 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	5 / 6.8	4 / 10.3	0 / 0.0	0 / 0.0	0 / 0.0	5 / 18.5	14 / 8.3
2	19 / 26.0	14 / 35.9	0 / 0.0	5 / 25.0	0 / 0.0	2 / 7.4	40 / 23.8
3 SATISFIED	37 / 50.7	14 / 35.9	3 / 60.0	11 / 55.0	3 / 75.0	14 / 51.9	82 / 48.8
4	11 / 15.1	6 / 15.4	0 / 0.0	3 / 15.0	1 / 25.0	5 / 18.5	26 / 15.5
5 VERY SATISFIED	1 / 1.4	1 / 2.6	2 / 40.0	1 / 5.0	0 / 0.0	1 / 3.7	6 / 3.6
COLUMN TOTAL	73 / 43.5	39 / 23.2	5 / 3.0	20 / 11.9	4 / 2.4	27 / 16.1	168 / 100.0

20 out of 30 (67.7%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.143.
Raw chi square = 37.29605 with 20 degrees of freedom. Significance =0.0108
Number of missing observations = 47

Q1117 EVAL OF FINANCIAL AID SERVICES

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPR* 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	1 / 1.9	3 / 11.1	0 / 0.0	0 / 0.0	0 / 0.0	0 / 0.0	4 / 3.3
2	4 / 7.7	2 / 7.4	0 / 0.0	0 / 0.0	0 / 0.0	4 / 21.1	10 / 8.3
3 SATISFIED	36 / 69.2	19 / 70.4	4 / 100.0	13 / 81.3	3 / 100.0	12 / 63.2	87 / 71.9
4	10 / 19.2	3 / 11.1	0 / 0.0	1 / 6.3	0 / 0.0	3 / 15.8	17 / 14.0
5 VERY SATISFIED	1 / 1.9	0 / 0.0	0 / 0.0	2 / 12.5	0 / 0.0	0 / 0.0	3 / 2.5
COLUMN TOTAL	52 / 43.0	27 / 22.3	4 / 3.3	16 / 13.2	3 / 2.5	19 / 15.7	121 / 100.0

25 out of 30 (83.3%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.074
Raw chi square = 24.33136 with 20 degrees of freedom. Significance = 0.2282
Number of missing observations = 94

Q1118 EVAL OF STUDENT EMPLOYMENT SERVICES

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPR* 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	0 / 0.0	2 / 7.7	0 / 0.0	0 / 0.0	0 / 0.0	0 / 0.0	2 / 1.7
2	8 / 16.0	5 / 19.2	1 / 20.0	1 / 6.3	0 / 0.0	3 / 17.6	18 / 15.4
3 SATISFIED	32 / 64.0	13 / 50.0	4 / 80.0	11 / 68.8	3 / 100.0	8 / 47.1	71 / 60.7
4	9 / 18.0	6 / 23.1	0 / 0.0	2 / 12.5	0 / 0.0	5 / 29.4	22 / 18.8
5 VERY SATISFIED	1 / 2.0	0 / 0.0	0 / 0.0	2 / 12.5	0 / 0.0	1 / 5.9	4 / 3.4
COLUMN TOTAL	50 / 42.7	26 / 22.2	5 / 4.3	16 / 13.7	3 / 2.6	17 / 14.5	117 / 100.0

24 out of 30 (80.0%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.051.
Raw chi square = 19.80783 with 20 degrees of freedom. Significance = 0.4700.
Number of missing observations = 98.

Q1119 Eval of friendship with other students

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPTLY 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	1 / 1.4	2 / 5.1	0 / 0.0	0 / 0.0	0 / 0.0	0 / 0.0	3 / 1.6
2	4 / 5.4	5 / 12.8	0 / 0.0	3 / 14.3	0 / 0.0	1 / 2.5	13 / 7.1
3 SATISFIED	34 / 45.9	19 / 48.7	3 / 50.0	9 / 42.9	4 / 100.0	19 / 47.5	88 / 47.8
4	24 / 32.4	8 / 20.5	1 / 16.7	5 / 23.8	0 / 0.0	16 / 40.0	54 / 29.3
5 VERY SATISFIED	11 / 14.9	5 / 12.8	2 / 33.3	4 / 19.0	0 / 0.0	4 / 10.0	26 / 14.1
COLUMN TOTAL	74 / 40.2	39 / 21.2	6 / 3.3	21 / 11.4	4 / 2.2	40 / 21.7	184 / 100.0

18 out of 30 (60.0%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.065.
Raw chi square = 19.72031 with 20 degrees of freedom. Significnace = 0.4755.
Number of missing observations = 31

Q1110 EVAL OF FACILITIES & EQUIPMENT

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPTLY 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	6 / 8.2	4 / 10.0	0 / 0.0	0 / 0.0	2 / 40.0	1 / 2.6	13 / 7.1
2	10 / 13.7	6 / 15.0	2 / 33.3	5 / 25.0	0 / 0.0	7 / 18.4	30 / 16.5
3 SATISFIED	39 / 53.4	23 / 57.5	3 / 50.0	9 / 45.0	3 / 60.0	21 / 55.3	98 / 53.8
4	14 / 19.2	5 / 12.5	0 / 0.0	3 / 15.0	0 / 0.0	6 / 15.8	28 / 15.4
5 VERY SATISFIED	4 / 5.5	2 / 5.0	1 / 16.7	3 / 15.0	0 / 0.0	3 / 7.9	13 / 7.1
COLUMN TOTAL	73 / 40.1	40 / 22.0	6 / 3.3	20 / 11.0	5 / 2.7	38 / 20.9	182 / 100.0

18 out of 30 (60.0%) of the valid cells have expected cell frequency less than 5.0.
Minimum expected cell frequency = 0.357.
Raw chi square = 20.76668 with 20 degrees of freedom. Significance = 0.4110.
Number of missing observations = 33

Q1111 TOTAL EXPERIENCE AT NCC

COUNT / COL PCT	LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC & HOSPTLY 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 NOT SATISFIED	5 / 6.4	4 / 9.8	0 / 0.0	0 / 0.0	1 / 20.0	0 / 0.0	10 / 5.1
2	14 / 17.9	3 / 7.3	2 / 33.3	5 / 21.7	0 / 0.0	2 / 4.8	26 / 13.3
3 SATISFIED	36 / 46.2	25 / 61.0	1 / 16.7	12 / 52.2	3 / 60.0	25 / 59.5	102 / 52.3
4	20 / 25.6	7 / 17.1	2 / 33.3	4 / 17.4	1 / 20.0	12 / 28.6	46 / 23.6
5 VERY SATISFIED	3 / 3.8	2 / 4.9	1 / 16.7	2 / 8.7	0 / 0.0	3 / 7.1	11 / 5.6
COLUMN TOTAL	78 / 40.0	41 / 21.0	6 / 3.1	23 / 11.8	5 / 2.6	42 / 21.5	195 / 100.0

19 out of 30 (63.3%) of the valid cells have expected cell frequency less than 5.0
Minimum expected cell frequency = 0.256
Raw chi square = 23.77765 with 20 degrees of freedom. Significance = 0.2522
Number of missing observations = 20

AUG 21 1981
UNIVERSITY OF CALIFORNIA
ERIC CLEARINGHOUSE FOR JUNIOR COLLEGES
96 POWELL LIBRARY BUILDING
LOS ANGELES, CALIFORNIA 90024